



IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Oliver et al.  
APPLICATION NO.: 10/678,965  
FILED: October 2, 2003  
TITLE: Fraudulent Message Detection  
EXAMINER: Matthew T. Henning  
GROUP ART UNIT: 2131  
ATTY.DKT.NO.: PA3629US

---

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 17, 2006.

*Kenneth M. Kaslow*

---

Kenneth M. Kaslow

---

MAIL STOP Petition  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT  
Under 37 C.F.R. §§ 1.56, and 1.97-1.98

SIR:

Pursuant to the provisions of 37 C.F.R. §§ 1.56 and 1.97-98 of the Rules of Practice in Patent Cases, enclosed herewith is form PTO-SB-08, listing several references. Copies of the non-patent references are enclosed.

The Examiner is requested to make these references of official record in the application. The references cited may be material to examination of the application and are submitted in compliance with Applicants' duty of disclosure as defined by 37 C.F.R. § 1.56.

No representation is made or intended as to the completeness of this list, nor is the inclusion of any reference on this list an admission that it is prior art or pertinent to this application. No fee is due with this submission.

Respectfully submitted,  
Jonathan Oliver et al.

July 17, 2006

By: *Kenneth M. Kaslow*  
Kenneth M. Kaslow, Reg. No. 32,246  
Carr & Ferrell LLP  
2200 Geng Road  
Palo Alto, CA 94303  
TEL: (650) 812-3400  
FAX: (650) 812-3444



Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number 10/678,965

Filing Date October 2, 2003

First Named Inventor Oliver et al.

Art Unit 2131

Examiner Name Henning

Attorney Docket Number PA3629US

Sheet 1 of 3

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5903830	05-11-1999	Joao et al.	
		US- 5982890	11-09-1999	Akatsu	
		US- 5987440	11-16-1999	O'Neil et al.	
		US- 6112227	08-29-2000	Heiner	
		US- 6122740	09-19-2000	Andersen	
		US- 6199102	03-06-2001	Cobb	
		US- 6321338	11-20-2001	Porras et al.	
		US- 6334121	12-25-2001	Primeaux et al.	
		US- 2003/0088627	05-08-2003	Rothwell et al.	
		US- 2003/0172166	09-11-2003	Judge et al.	
		US- 6650890	11-18-2003	Irlam et al.	
		US- 2003/0233418	12-18-2003	Goldman	
		US- 2004/0024639	02-05-2004	Goldman	
		US- 2004/0158554	08-12-2004	Trottman	
		US- 2005/0055410	03-10-2005	Landsman et al.	
		US- 6938167	08-30-2005	Roskind	
		US- 6941348	09-06-2005	Petry et al.	
		US- 2005/0257261	11-17-2005	Shraim et al.	
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>9</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number 10/678,965

Filing Date October 2, 2003

First Named Inventor Oliver et al.

Art Unit 2131

Examiner Name Henning

Attorney Docket Number PA3629US

Sheet 2 of 3

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		DWORK, Cynthia, et al. "Pricing via Processing or Combating Junk Mail," CRYPTO '92, Springer-Verlag LNCS 740, pp. 139-147, 1992.	
		SKOLL, David F., "How to Make Sure a Human is Sending You Mail," Google Groups Thread (Nov. 17, 1996).	
		BYRNE, Julian, "My Spamblock," Google Groups Thread (Jan. 19, 1997).	
		GUILMETTE, Ronald F., "To Mung or Not to Mung," Google Groups Thread (July 24, 1997).	
		"Majordomo FAQ," October 20, 2001.	
		GABRILOVICH et al., "The Homograph Attack", Communications of the ACM, 45(2):128, February 2002.	
		LANGBERG, Mike, "Spam Foe Needs Filter of Himself," (Email Thread Dated April 5, 2003).	
		MCCULLAGH, Declan, "In-Boxes that Fight Back," News.com, May 19, 2003.	
		TEMPLETON, Brad, "Viking-12 Junk E-Mail Blocker," (believed to have last been updated July 15, 2003).	
		"FBI Says Web 'Spoofing' Scams are a Growing Problem," Federal Bureau of Investigation Press Release, July 21, 2003.	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number 10/678,965

Filing Date October 2, 2003

First Named Inventor Oliver et al.

Art Unit 2131

Examiner Name Henning

Attorney Docket Number PA3629US

Sheet 3 of 3

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		MCWILLIAMS, BRIAN, "Cloaking Device Made for Spammers," Wired News, October 9, 2003.	
		MERWE et al., "Characteristics and Responsibilities Involved in a Phishing Attack," 2005.	
		KIRDA et al., "Protecting Users Against Phishing Attacks with AntiPhish," IEEE Proc. of the 29th Ann. Int'l Comp. Software and App. Conference, 2005.	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.